

**Wendy C. Crone, Ph.D.** (608)345-0547 wendresearch@gmail.com



Dr. Wendy Crone is an accomplished engineer, inventor, and administrator. Her engineering expertise spans experimental solid mechanics, biomechanics, materials characterization, and medical devices. Scientific integrity expertise, expansive talent acquisition network, and fiscal experience managing multi-million-dollar projects. Extensive experience in the higher education sector, with broad connections to engineering industry.

### **BOARD AND GOVERNANCE EXPERIENCE (SELECTED)**

#### **National Academies of Sciences, Engineering, and Medicine (NASEM)**

Board on International Scientific Organizations (BISO) – 2019-2022

U.S. National Committee on Theoretical & Applied Mechanics (USNC/TAM) – 2015-2022

Delegate to the General Assembly of the International Union of Theoretical and Applied Mechanics – 2016, 2018

#### **Society for Experimental Mechanics**

Executive Board – 2010-2012, 2016-2021

Officer – President 2018-2019, President Elect 2017-2018, Vice President 2016-2017

MEMS and Nanotechnology Technical Division – Vice-Chair 2001-2006

#### **Wisconsin Materials Research Science and Engineering Center**

Executive Committee – 2001-2007, 2016-present

#### **University of Wisconsin–Madison**

College of Engineering Equity and Diversity Committee – 2004-2005, Chair 2015-2016

Graduate Faculty Executive Committee – 2011-2015, Chair 2014-2015

Graduate Research Scholars Governance Committee – 2011-2015, Chair 2012-2015

Educational Innovation Advisory Committee – 2012-2015

#### **Worldwide University Network**

Nanotechnology and Advanced Materials Exemplar Committee – 2002-2005

### **CAREER HISTORY**

2019 - present Associate Chair for Faculty and Staff Development, Dept. of Engineering Physics, UW–Madison  
2017 - present Karen Thompson Medhi Professor, College of Engineering, UW–Madison  
1998 - present Professor, Dept. of Engineering Physics (Assistant 1998-2004, Associate 2004-2009, Full since 2009)  
with affiliate appointments in the Dept. of Materials Science and Engineering  
and the Dept. of Biomedical Engineering, UW–Madison  
2014 - 2015 Interim Dean, Graduate School, UW–Madison (returned to the faculty Fall 2015)  
2012 - 2014 Associate Dean for Graduate Education, Graduate School, UW–Madison  
2011 - 2012 Interim Associate Dean for Physical Sciences, Graduate School, UW–Madison  
1993 - 1994 Assistant to the Dean, Institute of Technology, University of Minnesota  
1992 - 1993 Process Quality Engineer, GUIDANT Cardiac Pacemakers, Inc., St. Paul, MN

### **EDUCATION**

Ph.D. in Engineering Mechanics, University of Minnesota, October 1998  
Masters of Science in Engineering (Solid Mechanics), Brown University, May 1991  
Bachelor of Science in Engineering Mechanics with Honors, University of Illinois, January 1990

### **SELECTED HONORS AND AWARDS**

Award for Mentoring Undergraduates in Research, Scholarly and Creative Activities 2020 – UW–Madison,  
Discovery Fellow 2016-2023 – Wisconsin Institute for Discovery, University of Wisconsin–Madison  
Fellow 2015, M.M. Frocht Award 2013 – Society for Experimental Mechanics  
Academic Leadership Program Fellow 2012-2013 – Committee on Institutional Cooperation  
Career Enhancement Award for Stem Cell Research, 2011-2013 – National Institutes of Health  
Doris Slesinger Award for Excellence in Mentoring 2011 – University of Wisconsin–Madison  
CAREER Award 2002 – National Science Foundation